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UC862 U.S. PRO
09/737540
12/15/00

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Transmitted herewith for filing is the patent application of

For (title): SEMICONDUCTOR DEVICE
WIRING AND METHOD OF
MANUFACTURING THE SAME

Date: 12/15/00 Lizabeth M Sumner
Lizabeth M. Sumner
Lizabeth M Sumner
Print Name

- ☒ Original (nonprovisional)
- ☐ Design
- ☐ Plant
- ☐ Divisional.
- ☐ Continuation.
- ☐ Continuation-in-part (C-I-P).

☒ The new application being transmitted claims the benefit of prior Korean application(s) no. 2000-8558. See item 7 .

17 Pages of specification

4 Pages of claims

1 Page of Abstract

6 Sheets of drawings

☒ formal

☐ informal

 Page of Cover Sheet

- Page 1 of 5

4. Additional papers enclosed

- ☐ Preliminary Amendment
- ☒ Information Disclosure Statement (37 C.F.R. 1.98)
- ☒ Form PTO-1449 (PTO/SB/08A and 08B)
- ☒ Copies of cited references
- ☐ Declaration of Biological Deposit
- ☐ Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.
- ☐ Authorization of Attorney(s) to Accept and Follow Instructions from Representative
- ☐ Special Comments
- ☒ Other: Return Postcard.

5. Declaration or oath

- ☒ Enclosed
 - ☐ Unexecuted
 - ☒ Executed by
 - ☒ inventors
 - ☐ legal representative of inventor(s).
37 CFR 1.42 or 1.43.
 - ☐ joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.
 - ☐ This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See item 12 below for fee.
- ☐ Not Enclosed
- ☐ Application is made by a person authorized under 37 C.F.R. 1.41 (c) on behalf of all the above named inventor(s).
 - ☐ Showing that the filing is authorized.

6. Assignment

- ☒ An assignment of the invention to Samsung Electronics Co., Ltd.
 - ☒ is attached. A separate ☐ "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or ☒ FORM PTO 1595 is also attached. will follow.

7. Certified Copy

Certified copy(ies) of application(s)

<u>Korea</u>	<u>2000-8558</u>	<u>22 February 2000</u>
Country	Appln. no.	Filed
Country	Appln. no.	Filed
Country	Appln. no.	Filed

from which priority is claimed

- ☒ are attached.
☐ will follow.

8. Fee Calculation (37 C.F.R. 1.16)

CLAIMS AS FILED				
	Number filed		Number Extra	Rate
				Basic Fee 37 C.F.R. 1.16(a) \$710.00
Total				
Claims (37 CFR 1.16(c))	17	- 20 =	0	\$ 18.00 \$00
Independent				
Claims (37 CFR 1.16(b))	3	- 3 =	0	\$ 80.00 \$00
Multiple dependent claim(s), if any (37 CFR 1.16(d))			+	\$270.00

- ☐ A Preliminary Amendment canceling claims is enclosed. The filing fee is calculated based on the number of claims remaining after entry of the Preliminary Amendment.
- ☐ Amendment deleting multiple-dependencies is enclosed.
- ☐ Fee for extra claims is not being paid at this time.

Filing Fee Calculation

\$ 710.00

9. Small Entity Statement(s)

☐ Verified Statement(s) that this is a filing by a small entity under 37 CFR 1.9 and 1.27 is (are) attached.

☐ Status as a small entity was claimed in prior application _____, filed on _____
from which benefit is being claimed for this application under:

35 U.S.C. ☐ 119(e),

☐ 120,

☐ 121,

☐ 365(c),

and which status as a small entity is still proper and desired.

☐ A copy of the verified statement in the prior application is included.

Filing Fee Calculation (50% of A, B or C above)

\$ _____

10. Fee Payment Being Made at This Time

☐ Not Enclosed

☐ No filing fee is to be paid at this time.
(This and the surcharge required by 37 C.F.R. 1.16(e) can be paid subsequently.)

☒ Enclosed

☒ Basic filing fee

\$ 710.00

☒ Recording assignment

(\$40.00; 37 C.F.R. 1.21(h))

(See attached "COVER SHEET FOR ASSIGNMENT
ACCOMPANYING NEW APPLICATION".)

\$ 40.00

Total fees enclosed

\$ 750.00

11. Method of Payment of Fees

☒ Checks in the amounts of \$ 710.00, 40.00

☐ Charge Account No. 19-0079 in the amount of
A duplicate of this transmittal is attached.

\$ _____

12. Authorization to Charge Additional Fees

☒ The Commissioner is hereby authorized to charge the following additional fees during the entire pendency of this application to Account No. 19-0079.

☒ 37 C.F.R. 1.16(a), (f) or (g) (filing fees)

☒ 37 C.F.R. 1.16(b), (c) and (d) (presentation of extra claims)

☐ 37 C.F.R. 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

☐ 37 C.F.R. 1.17 (application processing fees)

☐ 37 C.F.R. 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. 1.311(b))

13. Instructions as to Overpayment

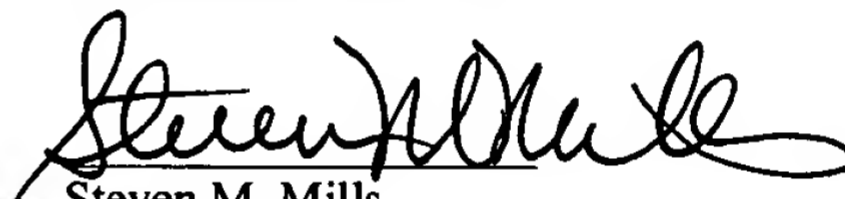
☒ Credit Account No. 19-0079

☐ Refund

Date:

December 15, 2000
Samuels, Gauthier & Stevens, LLP
225 Franklin Street, Suite 3300
Boston, MA 02110
Telephone: (617) 426-9180, Ext. 149
Facsimile: (617) 426-2275

Respectfully submitted,



Steven M. Mills

Registration Number 36,610

Attorney for Applicant

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Jae-Hoon Lee, et. al.
Filing Date: Herewith
Title: SEMICONDUCTOR DEVICE WIRING AND METHOD OF
MANUFACTURING THE SAME

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

"Express Mail" Mailing Label Number EL681163277US I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, DC 20231.

December 15, 2000
Date

Lizabeth M. Sumner
Lizabeth M. Sumner

BOX PATENT APPLICATION

Assistant Commissioner for Patents
Washington, DC 20231

TRANSMITTAL LETTER

Sir:

Enclosed herewith for filing in the above-identified patent application please find the following listed items:

1. New Application Transmittal;
2. New Patent Application;
3. Executed Declaration, Petition and Power of Attorney;
4. Six (6) Pages of Formal Drawings;
5. Certified Copy of Priority Document - Korean Application No. 2000-8558
6. Check in the amount of \$710.00 to cover requisite fee;
7. Assignment Recordation Form Cover Sheet - - PTO-1595;
8. Executed Assignment;
9. Check in the amount of \$40.00 to cover assignment recordation fee;
10. Information Disclosure Statement;
11. PTO-1449 Form;
12. Copies of cited references AA- AF; and
13. Return Postcard.

In connection with the foregoing matter, please charge any additional fees which may be due, or credit any overpayment, to Deposit Account Number 19-0079. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

Date: December 15, 2000
Samuels, Gauthier & Stevens, LLP
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